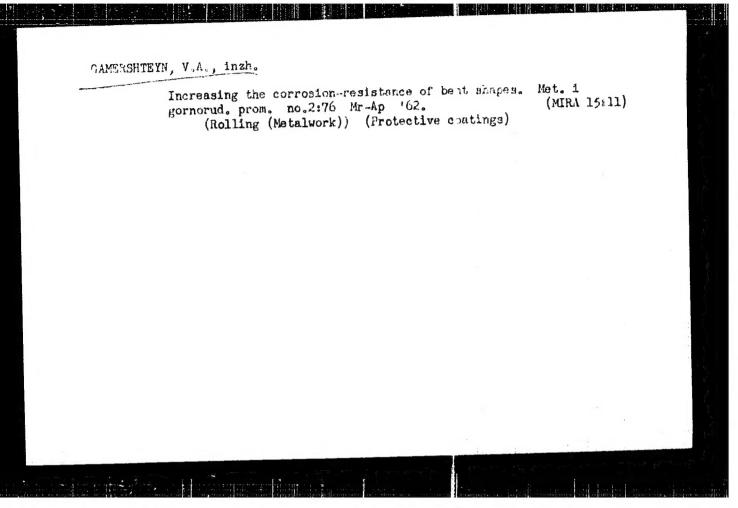
NAYDENOV, A.A., inzh.; GAMERSHTEIN, V.A., inzh.; LITVINENKO, V.G., inzh.

Increasing the production of cold-bent shapes for the manufacture of agricultural machinery. Met. i gorrorud. prom.
no.1:38-41 Ja-F '62.

1. Zavod "Zaporoshstali".

(Shet-metal work)
(Agricultural machinery)



GAMERSHTEYN, V.A.; TILIK, V.T.

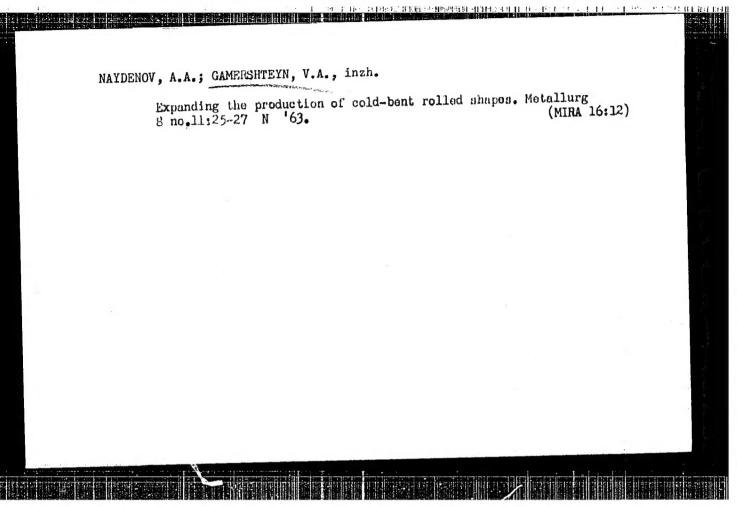
Adoption and the industrial production of coiled tinned steel sheet having a thickness of Q.20 mm. Met. i gornorud. prom. no.4:74-76 Jl-Ag '62. (MIRA 15:9)

1. Zaporozhskiy staleplavil'nyy zawi. (Rolling (Metalwork)) (Tinning)

GAMERSHTEYN, V.A., inzh.; LITVINENKO, V.G., inzh.; Prinimali uchastiye: FILONOV, V.A., inzh.; KSENDZUK, F.A., inzh.; SAMOYLOV, I.D., inzh.; VERBITSKIY, A.I., inzh.; YASHNIKOV, D.I., inzh.; LEYCHENKO, M.A., kand. tekhn. nauk; CHAMIN, I.K., tekhnik; TOKAR!, P.K., inzh.; ZAYTSEV, P.P., inzh.

Magtering the production of cold-rolled sheets. Met. i gornorud. prom. no.6:72-74 N-D '62. (MIRA 17:8)

1. Zavod "Zaporozhstal" (for Gamershteyn, Litvinenko, Filonov, Ksendzuk, Samoylov, Verbitskiy, Yashnikov). 2. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. Bardina (for Leychenko, Chamin, Tokar', Zaytsev).



KSENZUK, F.A., inzh.; KHUDAS, A.L., inzh.; TROSHCHENKOV, N.A., inzh.;

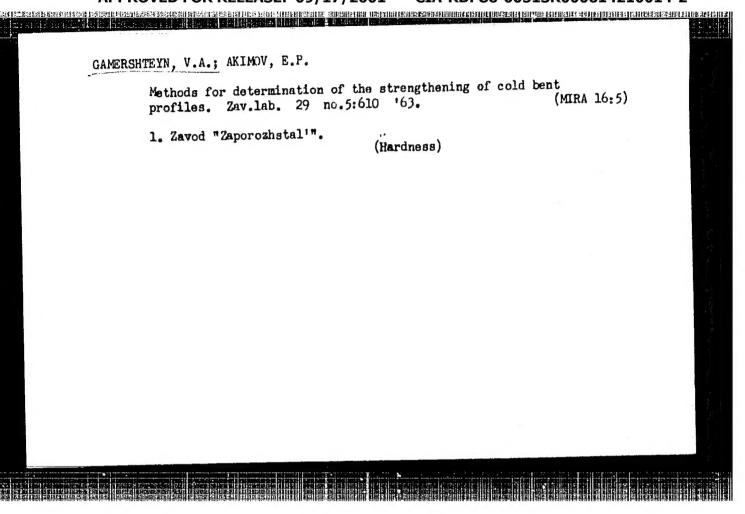
GAMERSHTEYN, V.A., inzh.; AKIMOV, E.P., inzh.; IOFFE, M.M., inzh.;

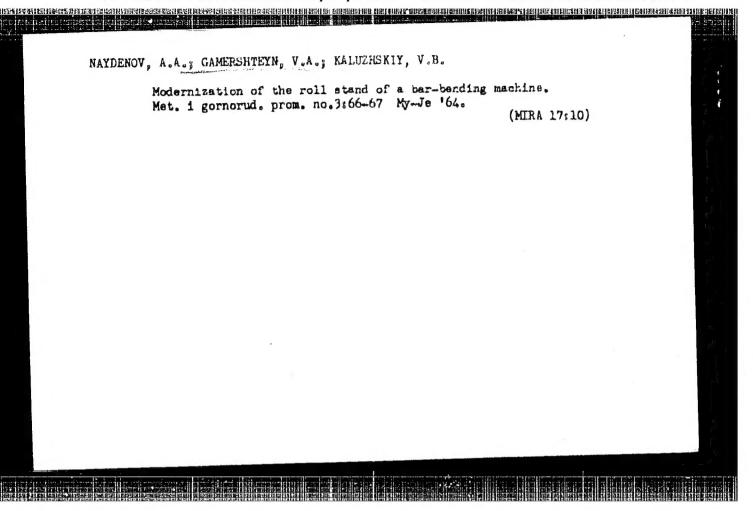
VEKLICH, M.I., inzh.; AHTIPENKO, V.G., inzh.; TILIK, V.T., inzh.;

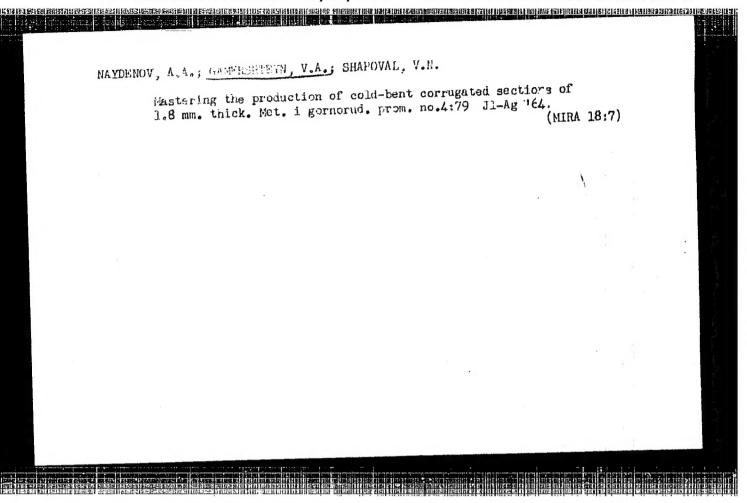
FILONOV, V.A., inzh. [deceased]; BORISENKO, V.G., inzh.

At the "Zaporozhstal'" plant. Stal' 23 no.61554, 562, 572, 575

Je '63. (MIRA 16:10)



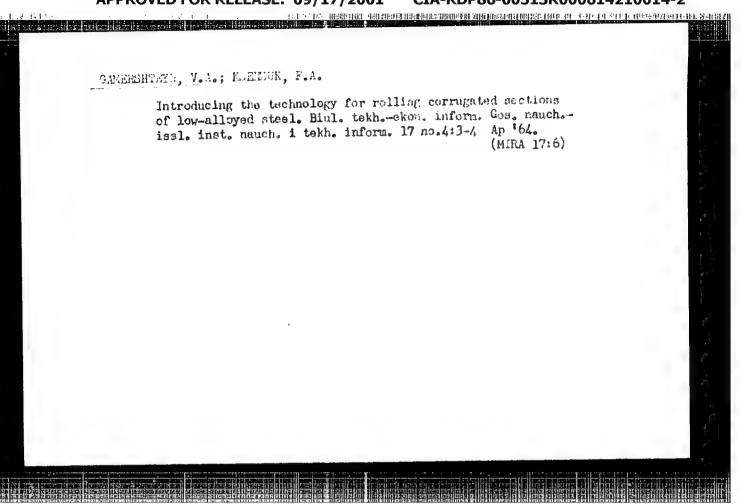




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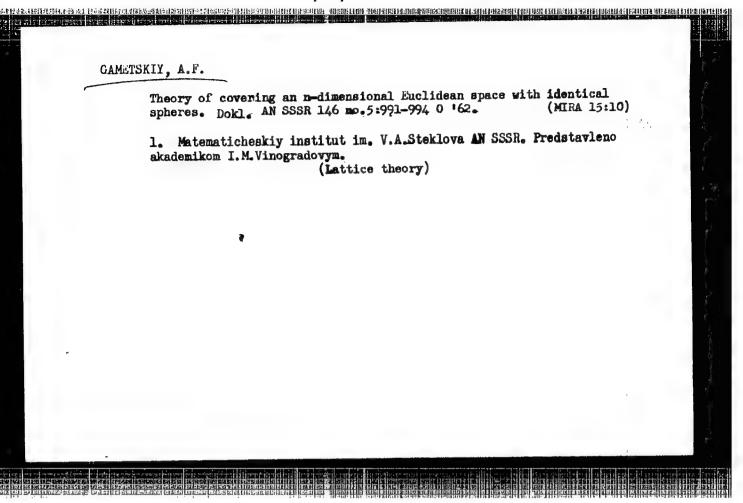
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TRISHEVSKIY, I.S.; GAMERSHTEYN, V.A.; SKOKOV, P.I.; AKIMOV, E.P.

Dependence of metal hardening on the conditions of shaping and the width of the initial ingot. Sbor.trud. UNIIM no.11:208-215 165.

(MIRA 18:11)



GAMETSKIY, A.F.

Optimality of Voronoi's main lattice of the first type among the first-type lattices of an arbitrary number of dimensions, Dokl.
AN SSSR 151 no.3*482-484 Jl '63. (MIRA 16:9)

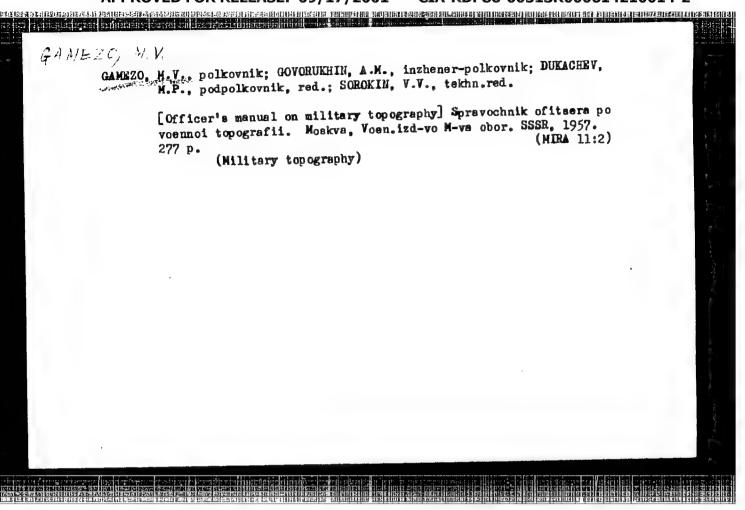
1. Matematicheskiy institut im. V.A.Steklova AN SSSR. Predstavleno akademikom I.M.Vinogradovym. (Lattice theory)

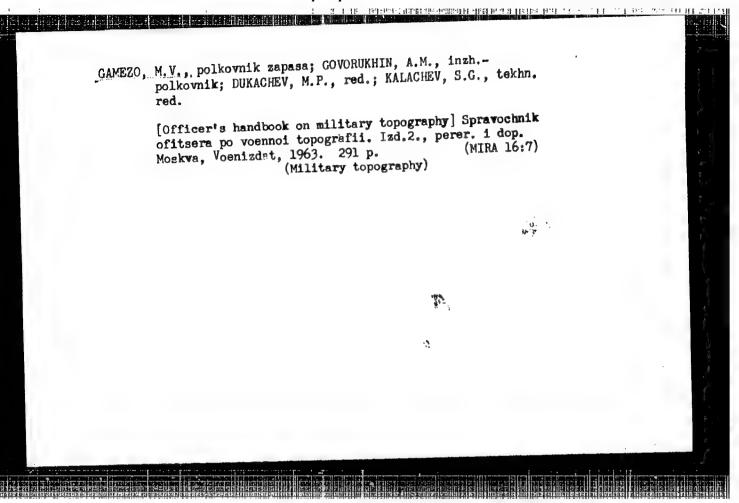
KAMCHAGINA, Ye.A.; STRELETS, N.M.; SHREYDER, F.A.; GAMEYEVA, Z.S.;
KRIVKO, A.N.; KOTENKO, K.I.; AGNAYEVA, R.V.; GAYVOROFSKATA, N.M.

Effectiveness of the compound treatment of chronic dystrophic polyarthritis in miners at Sochi-Matsesta Health Resort at various

seasons of the year. Vop. kur., fizioter. i lech. fiz. kul't.
24 no.6:503-506 N-D '59. (MINA 15:1)

1. Iz sanatoriya imeni S. Ordzhonididze v Sochi (dir. D.A.Bershadskiy) nauchnyy rukovoditel' - prof. M.M.Shikhov).
(ARTHRITIS) (MINERS_DISEASES AND HYGIENE)





KUMARITASHVILI, M. Z.; RAZDOL'SKIY, S. M.; CAMCEBELI, V. K.; ZALIYEVA, A. Z.

Multilayer nonsoven fabrics. Isv. vys. ucheb. zav.; tekh. tekst.
prom. no.4:73-75 '62.

1. Mauchno-issledovatel'skiy institut tekstil'noy promyshlennosti Grusinskoy SSR.

(Monsoven fabrics)

GAMCIK, P.; NEMES, D.; Veterinary Faculty, College of Agriculture (Veterinarska Fakulta, VSP), Kosice.

"Practical Experience with the Use of Certain Field Diagnostic Tests and Laboratory Methods in Diagnosis of Cow Mastitis."

Prague, Veterinarni Medicina, Vol 11, No 6, Jun 66, pp 353-360

Abstract /Author's English summary modified 7: The California Nastitis test (CMT) is the most sensitive, followed by the NK test, Duba test, Whiteside's Test, and bromothymole paper strips. The bromothymole paper strip test does not give reliable results. By bacteriological examination the following germs were isolated By bacteriological examination the following germs were isolated from milk: Streptococcus agalactiae in 15.2% of samples, Staphy-lococcus pyogenes 13.8%; Escherichia coli 3.0%, Pseudomonas aerugin-lococcus pyogenes 13.8%; Escherichia coli 3.0%, Pseudomonas aerugin-lococcus pyogenes 13.8%; Escherichia coli 3.0%, and S. uberis 0.8%. osa 2.8%, Streptococcus dysgalactiae 2.5%, and S. uberis 0.8%. Non-specific findings were made in 36.8% of the samples examined. Non-specific findings were made in 36.8% of the samples examined. 2 Figures, 2 Tables, 17 Western, 5 Czech, 1 Polish, 2 Hungarian references. (Manuscript received 1 Nov 65).

- 74 -

UZECHUSLOVAKIA

GAMCIK, P.: Chair of Gynecology and Artificial Insemination, Veterinary Faculty, College of Agriculture (VSP, Veterinarska Fakulta, Katedra Porodnictva, Gynekologie a Umelej Inseminacie), Kosice.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614210014-2'

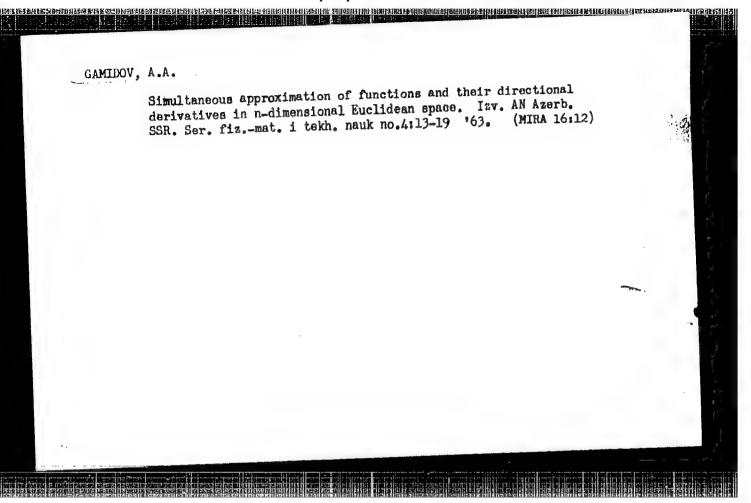
"Study of Morphological Changes of Spermatozoa of Bulls with Impaired and Intact Fertility."

Prague, Veterinarni Medicina, Vol 11, No 7, Jul 66, pp 431 - 436

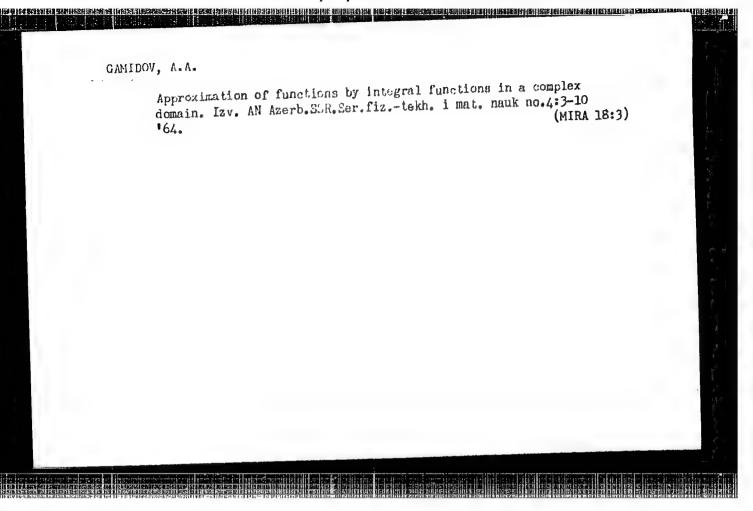
Abstract /Author's English summary modified 7: In bulls with impaired fertility an average of 31.6% of morphologically changed spermatozoa were found (11.4% changes in acrosome, 8.3% in the caput, 6.1% immature, anomalies in the flagellium 5.5%, nucleoplasma structure 1.7%, connecting part 0.5%.) In bulls with intact fertility an average of 13.5% of morphologically changed spermatozoa was found (3.0% changes in acrosome, 2.9% immature, 4.7% shape change of the caput, nucleoplasma structure 0.7%, flagellium anomalies 0.7%, connecting part 0.6%). 22 Figures, 8 Western, 3 Czech, 1 Russian, 1 Hungarian reference. (Manuscript received 11 Feb 66).

CAMID-ZADE, G.A., Cand Tech ci — (diss) "Study of the relation of the transfer the catalytic properties of alumosilicate catalytics their porous structure." Baku, Pub House of the Acad Sci AzSSR, 1959
20 pp (Acad Sci AzSSR. Inst of Petrochemical Processes) 150 copies
(KL, 36-59, 115)

- 42 -



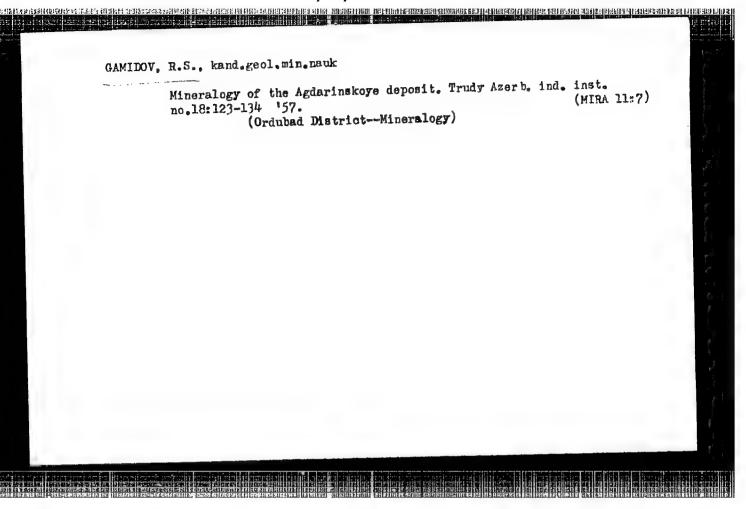
L 34052-66 EWI(d)/T ACC NR: AP6025469	IJP(c) SOURCE CODE: U	R/0233/65/000/005/0013/00
AUTHOR: Ibragimov. I. I.	; Garddov, A. A.	.33
OliG: none	· 6	16 B
rence on the Theory of the	ons of the functions of a completions (This paper was presented a see Functions of Complex Variables,	t the 7th All-Union Confe held in Rostov-on-Don in
TOPIC TAGS: complex numbers of the second se	evestiya. Seriya fiziko-tekhnichen ber, integral function, approxima	tion, mathematic conferen
ABSTRACT: The regions of set of functions, the best continuity modulus of the tion and modulus is estal	I the opposite angles are designated to the set of functions. The relation of the set oblished in the form of an inequal the set of functions by means of gle spaces. Orig. art. has: 30	ship between the approximation ity. Direct approximation intermal functions in terms.
of the metrics of the an	BM DATE: none / ORIG REF: 005	

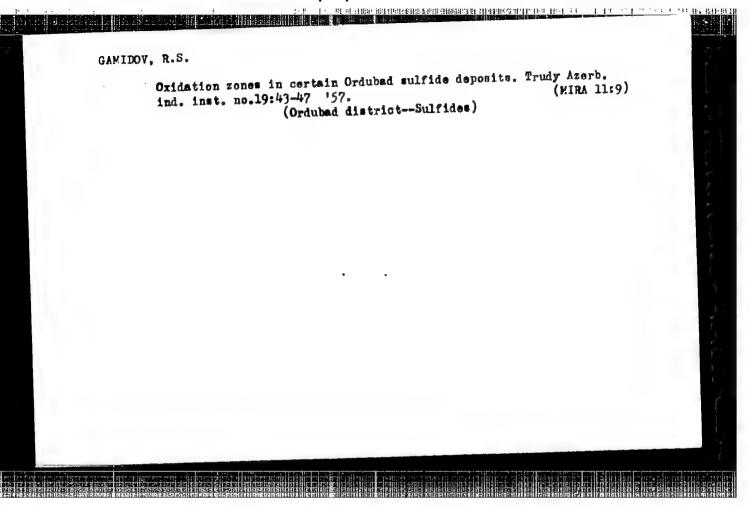


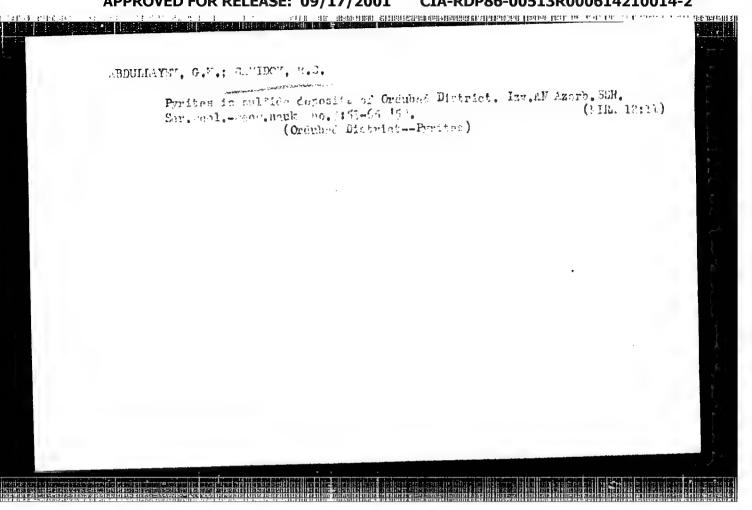
IBRAGIMOV, 1.1.; GAMIDOV, A.A.

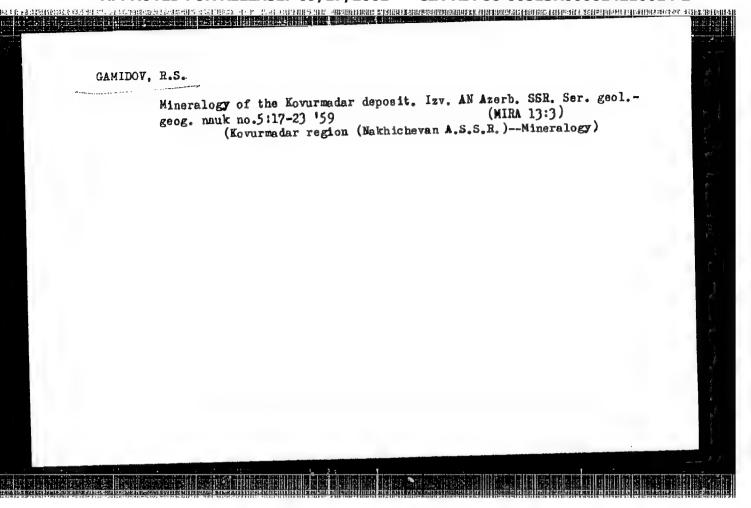
Mized approximations of functions of complem partial as in opposite angles by means of integral functions, 1.21. AN OSSR (MIRA 1961)

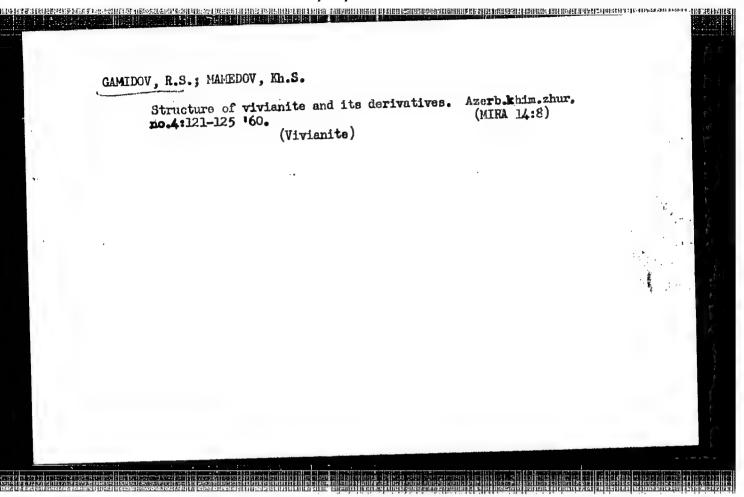
1. Unstitut matematiki i mekhantki AN Azardi S. Submitted May 4, 1965.

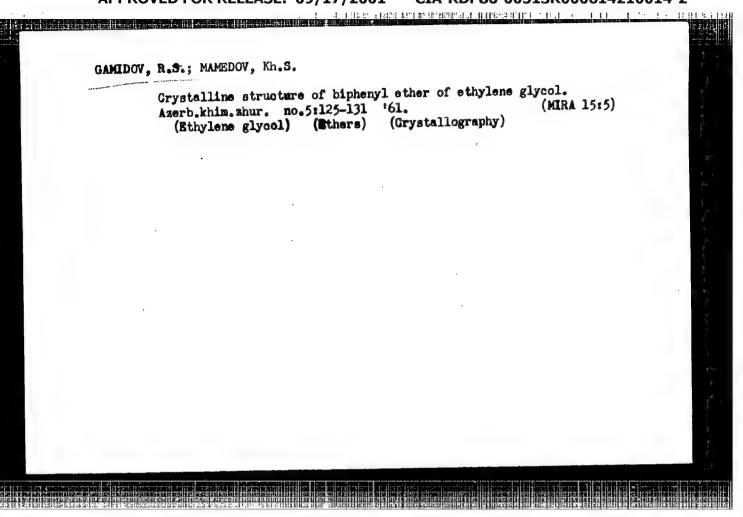


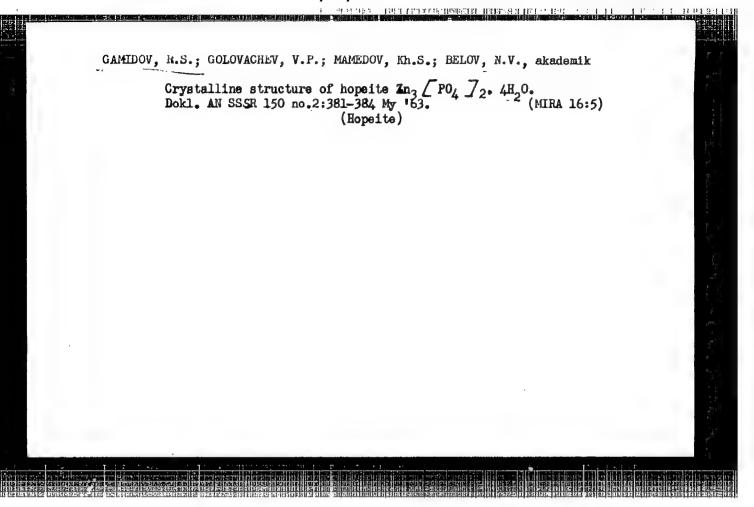












MEKHTIYEV, K.M.; GAMIDOV, R.S.; MAMEDOV, Kh.S.; BELOV, N.V., akademik

Crystalline structure of the Bi-molybdate Bi₂[MaO₄]₃. Dokl. AN

SSSR 162 no.3:563-564 My '65. (MIRA 18:5)

1. Institut khimii AN AzerbSSR.

Investigating the heat capacity of tolume at constant volume near a boundary curve including a critical region. Dokl.

An Azorb. SSR 16 no. 12:1161-1164 '60. (EIRA 14:2)

1. Karedra chaparimental noy disiki Azerbaydshanskogo gosudarstvennogo unitwinsiteta im.S.M.Kirova. Predstavleno akademikom AM Azerssa Kh.I.Amirkhanovym.

(Tolume) (Heat capacity)

GAMIDOVA, A.: KULIYEV, A.M., akademik, red.; GUSEYNOV, M.M., red.; KYAZIMOV, R.A., red.

[IU G.Mamedaliev, 1905-1961; a bibliography] IU.G.Mamedaliev 1905 - 1961; bibliografiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 87 p. (MIRA 18:12)

1. Akademiya nauk Azerbaydzhanskoy SSR, Baku. Fundamental'naya biblioteka.

A CONTROL OF THE PROPERTY OF T

DALIN, M.A.; SEREBRYAKOV, B.R.; LORKINA, V.V.; GAMIDOVA, E.B.

Mechanism underlying the reactions taking place in the present of oxidizing ammonolysis of propylene. Azerb.khim.shur. no.4:99-102

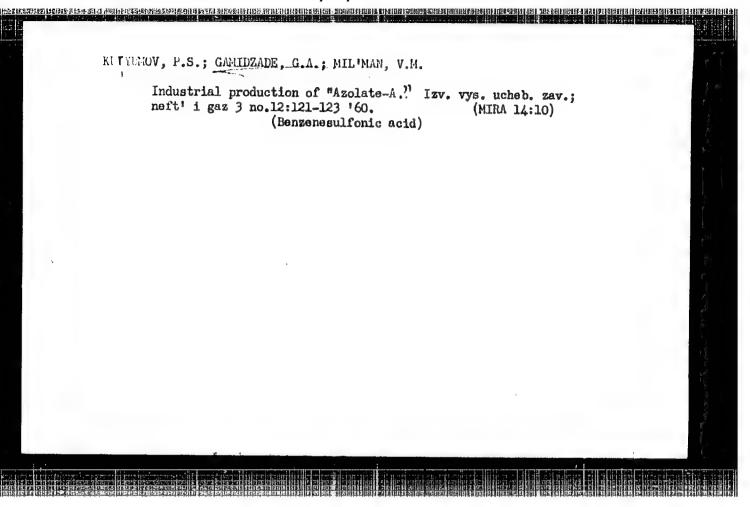
(MIRA 17:2)

ABDURAGIMOVA, L.A.; Prinimala uchastiye: GAMIDOVA, A.M.

Effect of Na salts of fatty acids on the viscosity of ultimately broken down clay suspension structures. Koll.zhur. 25 no.6:633-638 N-D '63.

1. Institut khimii AN AzerbSSR, Baku.

(MIRA 17:1)



	5.4	
11 013	5/081/62/000/004/064/087 B150/B138	
AUTHORS:	Gamid-Zade, G. A., Shul'gina, Ye. M.	
TITLE:	Optimum conditions for the catalytic cracking of kerosine and gas oil fractions of petroleums of the Kyurovdag and Siazan deposits	10
PERIODICAL:	Referativnyy zhurnal. Khimiya, no. 4, 1962, 475, abstract 4M119 (Novosti neft. i gaz. tekhn. Neftepererabotka i neftekhimiya, no. 4, 1961, 3-5)	173
TEXT: Keros	ine and gas oil fractions of petroleums of the Kyurovdag and	
Siazan' depos catalytic cr	its, with an evaporation of 92% up to 350°C, were subjected to acking in a laboratory plant over an alumo-silicate ball	20
catalyzer at	temperatures of 440, 450 and 460°C, with a volumetric speed of . It was found that the optimum cracking conditions for the	4
indicated fr	actions of Siazan petroleum are a temperature of 440°C with	25
Card_1/2		
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Optimum conditions for the...

S/081/62/000/004/064/087

B150/B138

volumetric speed 0.7-0.8 hrs⁻¹. With these conditions the resultant yield of gasoline with octane number 77.8 is 30%, and 6.6% gas, in which number propane-propylene is 1.61% and isobutane 2.05%. The optimum cracking conditions of a similar fraction of Kyurovdag petroleum are - temperature 460°C and volumetric speed also 0.7-0.8. The yield of gasoline with octane number 77.6 is in this case 30%, and of gas 10.4%, in this number propane-propylene is 2.68% and isobutane 2.75%.

Abstracter's note: Complete translation.

h0198 : \$/081/62/000/013/045/054 B156/B101

CONTRACTOR OF THE PROPERTY OF

11.0122

Mamedov, M. A., Gamid-Zade, G. A., Miliman, V. M.

TITLE:

AUTHORS:

Alkylation of toluene with the propane-propylene fraction

of catalytic cracking gas

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 13, 1962, 534, abstract

13M216 (Novosti neft. i gaz. tekhn. Neftepererabotka i

neftekhimiya, no. 10, 1961, 7-10)

TEXT: Experiments on the alkylation of coal-tar toluene, using the propane-propylene fraction of catalytic cracking gas in the presence of dehydrated AlCl₃ as catalyst, were carried out at atmospheric pressure in a laboratory apparatus in order to determine the ideal yield of the alkylate produced, and its anti-detonation properties. It was established that the ideal conditions for formation of the required 120-180°C fraction are: temperature 75°C, toluene: propylene: AlCl₃ molecular ratio

1:0.5:0.035, contact period 0.64 min. Under these conditions the yield of the fraction was: 206.3 % with respect to propylene, 106.4 % with respect

Card 1/2

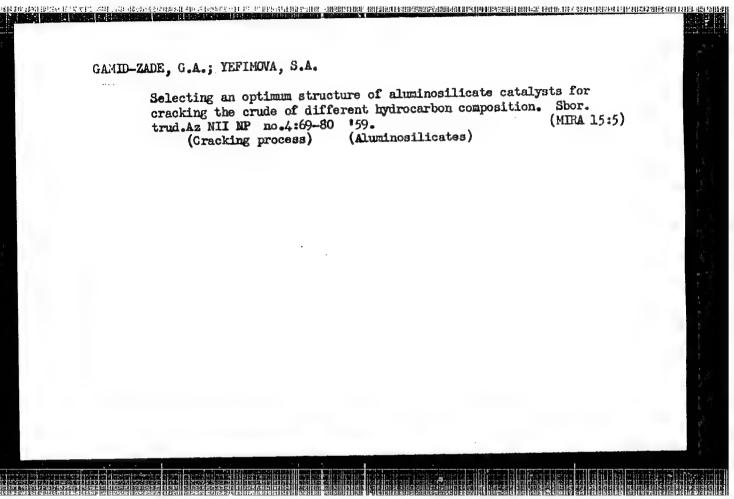
S/081/62/000/013/045/054

Alkylation of toluene with the...

S/081/62/000/013/045/054

B156/B101

to reacted toluene. The octane number of the 120-180°C fraction was 99.8, and with 3.3 g of tetraethyl lead it was 105.2. The fraction obtained can be used as a high-octane component of gasoline, also as a raw material for petrochemical synthesis. [Abstracter's note: Completo translation.]



GAMIDZADE, G.A.

Increasing the resources of raw stocks for catalytic cracking by utilizing industrial wastes. Sbor. nauch...tekh. inform. Azerb. inst. nauch...tekh. inform. Ser. Nefteper. 1 khim. prom. no.2:26-30 162. (MIRA 18:9)

5/081/62/000/023/079/120 B144/B186

AUTHOR:

Gamid-Zade, G. A.

TITLE:

Production of the high-octane component of vehicle-motor

gasoline

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 588, abstract 23M151 (Novosti neft. i gaz. tekhn. Neftepererabotka i

neftekhimiya, no. 5, 1962, 3 - 8)

TEXT: Laboratory and industrial investigations were carried out to verify the possibility of obtaining the high-octane component of vehicle-motor gasoline from the waste-products of the alkylation process by cracking the polymer residue (polyalkyl benzenes). To reduce coke formation the polymer residue was cracked in a mixture with low-octane ligroin and kerosene obtained by thermal cracking, over pulverized or bead aluminum silicate catalyst. For comparison, the physico-chemical properties of gasoline obtained by catalytic cracking from different crudes are indicated together with the operating conditions and the material balance of the process. It was found that the cracking of a polymer residue mixed with ligroin

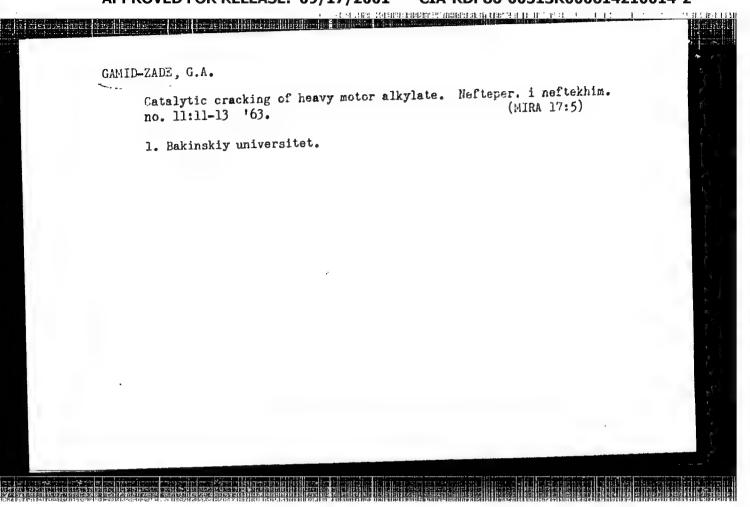
Card 1/2

Production of the high-octane...

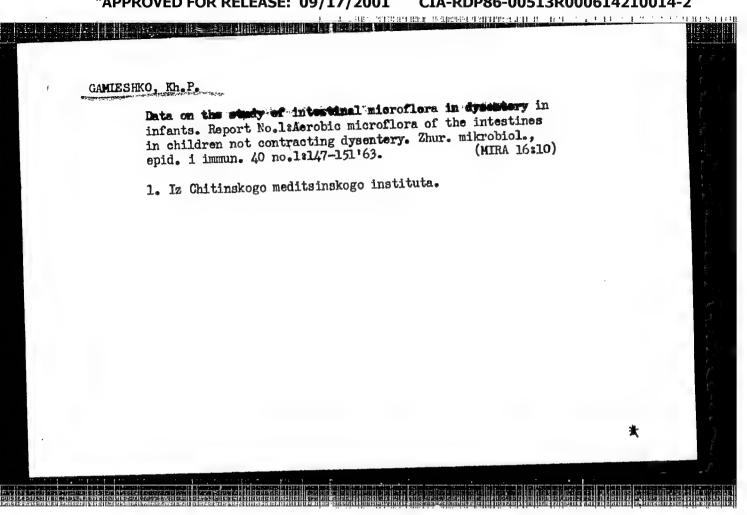
S/081/62/000/023/079/120 B144/B186

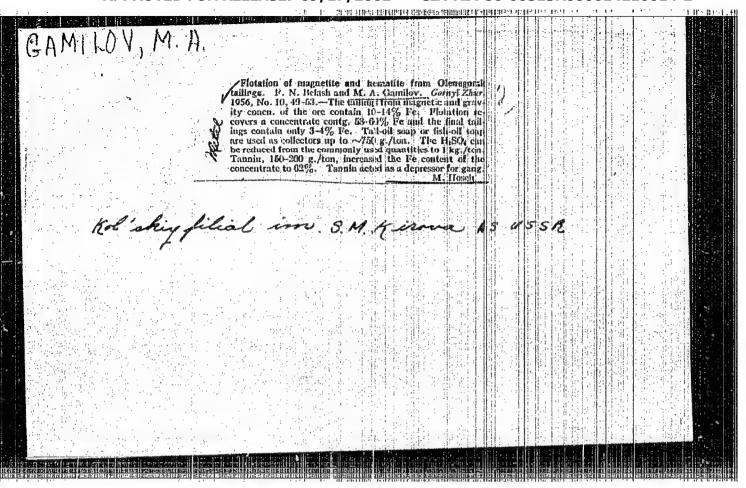
in the ratio 1:1 using a pulverized aluminum silicate catalyst yields 49 - 51% gasoline (octane number 78), 16 - 17% gas (containing 8.5% of the propane-propylene and 4.2% of the butane-butylene fractions in relation to the crude), and 4 - 4.6% coke. Under optimum conditions (temperature 460°C, weight flow rate 0.7 hr⁻¹) and with a bead aluminum silicate catalyst, the gas containing 66% of the propane-propylene fraction and 4.2% of the butane-conditions of a typical catalytic-cracking plant are maintained in full lation.]

Card 2/2 .



GAMIN	ZADE, G.A.
	Polymers as raw materials for catalytic cracking. Nefteper. i
	1. Kzerbaydzhanskiy gosudarstvennyy universitet imeni Kirova.





"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614210014-2 III ARTHUR ASILIBAR HARRER MERRAJARAH BERGARA PARTER ATTU TU

SOV/137-59-1-268

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 33 (USSR)

Belash, F. N., Gamilov, M. A. AUTHORS:

Flotation of Magnetite and Hematite From Olenegorsk Ferrous TITLE:

Quartzites (Flotatsiya magnetita i gematita iz Olenegorskikh

zhelezistykh kvartsitov)

PERIODICAL: V sb.: Obogashcheniye polezn. iskopayemykh. Nr 1. Moscow,

Metallurgizdat, 1958, pp 81-112

ABSTRACT: Gravitational-concentration tailings contain up to 11-14% Fe. By means of flotation, a concentrate containing 62% Fe may be obtained

while the Fe content in the tailings may be reduced to 4-5%. The extraction of the Fe at the plant may be increased to 85-91% by means of flotation of Fe minerals contained in jigging tailings and in the overflow of the dewatering classifiers. Basic flotation is carried out in a neutral medium, whereas the purification of the froth products is conducted in a weakly acidic medium. The following flotation reagents are employed: Sodium oleate or distilled tallol in quantities

of 150-200 g/ton; 100 g/ton of H2SO4 are used for purposes of additional refining. Under shop conditions the process of basic flotation

Card :/2

Flotation of Magnetite and Rematite From Olenegors's Farrous Cuartzies, requires 6 minutes, that of control flotation 4 minutes. Four stages, each of a duration of three minutes, are employed in the refining of concentrate.

M. M.

BELASH, F.W., prof., doktor tekhn. nauk; GAMILOV, M.A.

Flotation of perovskite in weakly acidic media. Sbor. nauch.
trud. KGRI no.13:156-168 '62. (MIRA 16:8)

(Perovskite) (Flotation)

OSMOTOWOKIY, V.V., dotaent; GAMNLOVS, b.Z., inch.

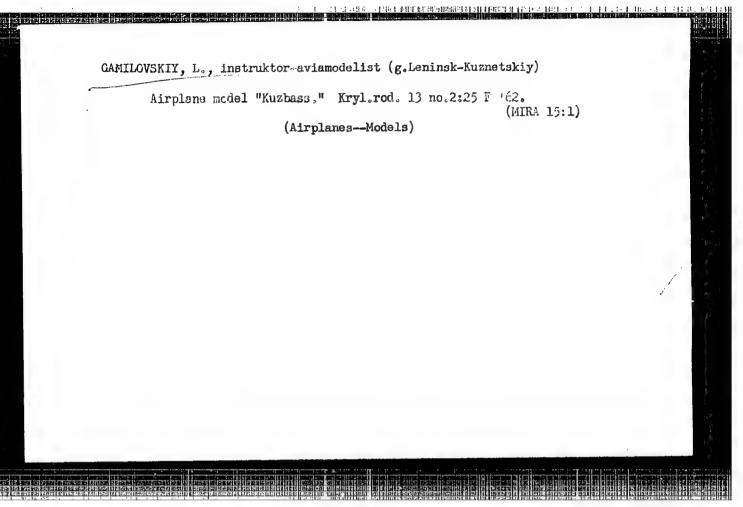
Improving the quality and the cost of iron concentrates in Krivoy Rog ore dressing combines. Tzv.vys.ucheb.zav.; gor.zhur. 8 no.11:45-49 '65. (MERA 19:1)

1. Krivorozhakiy gornorudnyy inatitut. Rekomendovana kafedroy ekonomiki. Submitted March 3, 1965.

GAMILOVSKIY, L., instruktor-aviamodelist 1-ge klassa g. Klaypeda.

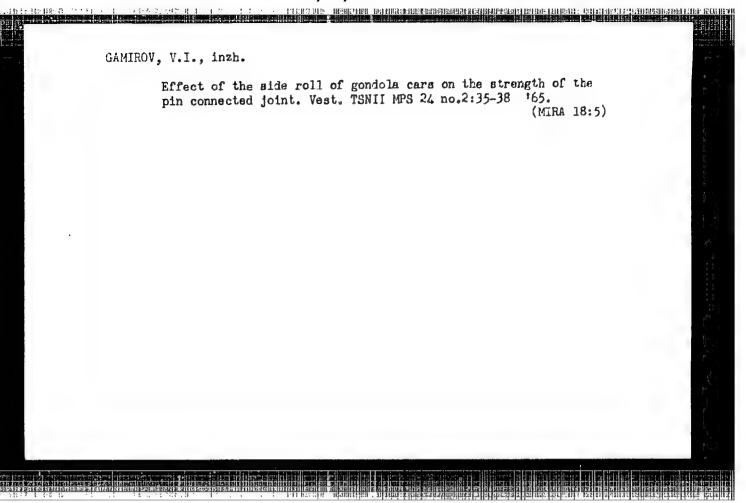
Training in sperating guideline centrelled plane models. Kryl.rod, L ne.7:
(MIRA 6:7)
15 Jl '53.

(Airplanes--Models)



GAMIROV, V.I., inzh.; KRUTIKHOVSKIY, V.G., inzh.; MIKHAYLOV, S.I., kand. tekhn.nauk; SOKOLOV, P.S., kand.tekhn.nauk; TARLINSKIY, I.V., kand.tekhn.nauk

Use of aluminum alloys in the construction of freight cars. Zhel. dor.transp. 45 no.10:47 0 163. (MIRA 16:11)



GAMIY, V.A.; ZIN'KOVSKIY, Yu.F.

Cathode follower with small output resistance. Radiotekhnika 20 no.10:50-51 0 '65. (MIRA 18:11)

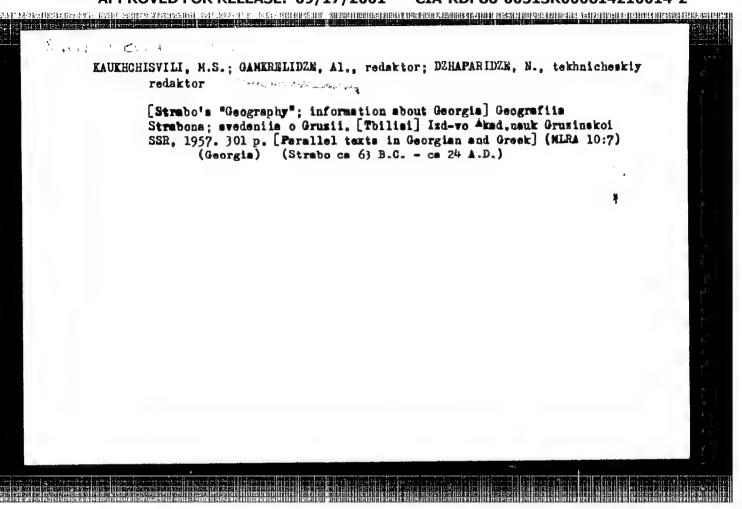
1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi.



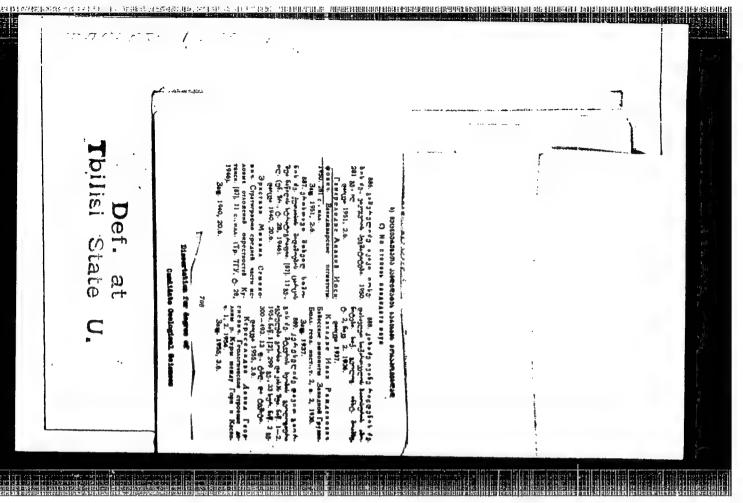
GAMKHITASHVILI, L.G.; KANDELAKI, N.P.; MARUASHVILI, T.I.; OKFOASHVILI, G.G.; KHARATISHVILI, G.L.; KVAVILASHVILI, A.M.

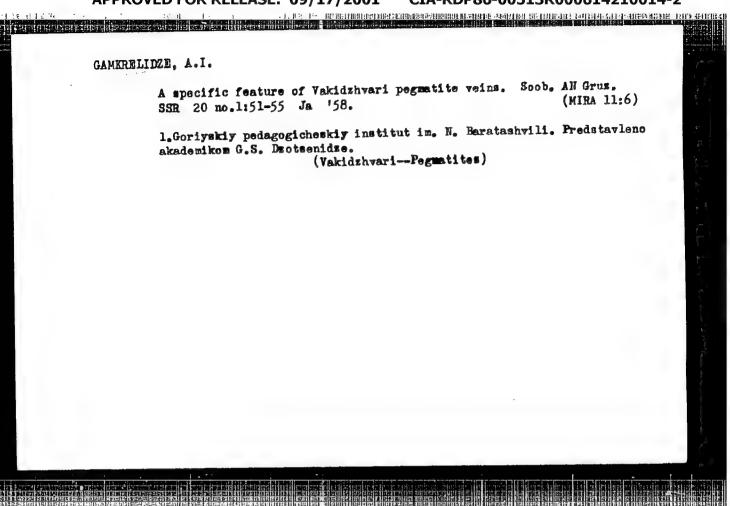
Solution of some problems by new methods, using electric models with d.c. amplifiers. Trudy Vych.tsentra AN Grus.SSR 2:319-334 '62. (MIRA 16:1)

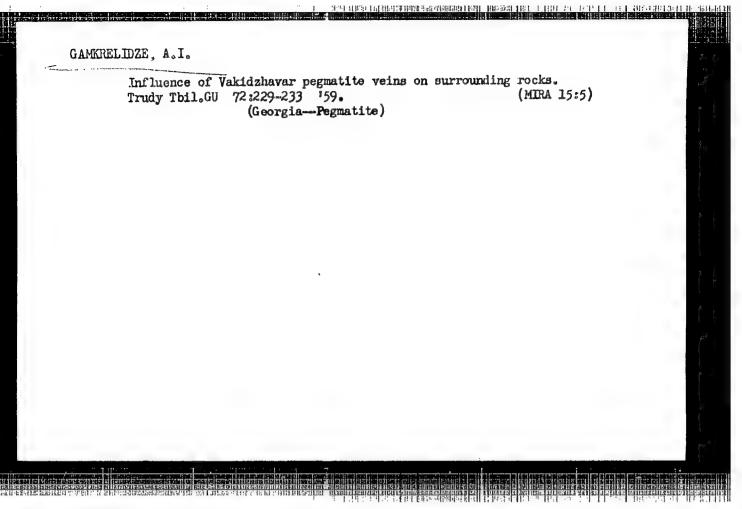
(Electromechanical analogies) (Electronic calculating machines)



"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614210014-2





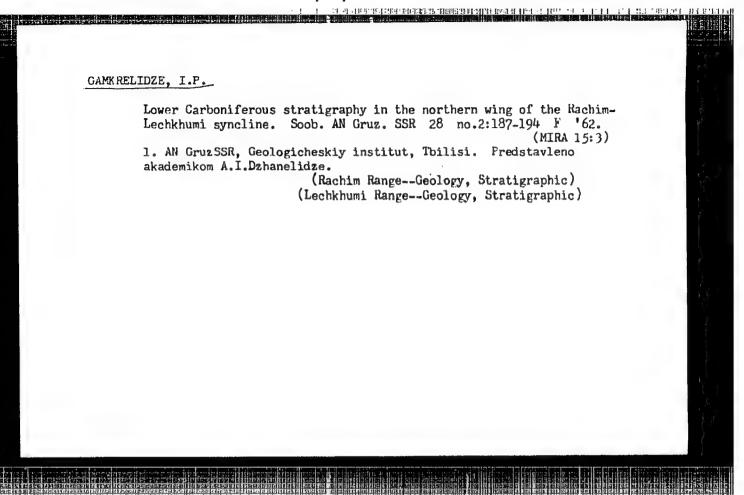


Folds in volcanic lavas of the northeastern slope of the Kechut Range. Soob. AN Gruz. SSR 22 no.5:541-546 My '59.

(MIRA 12:11)

1. Akademiya nauk Gruzinskoy SSR, Geologicheskiy institut, Tbilisi.

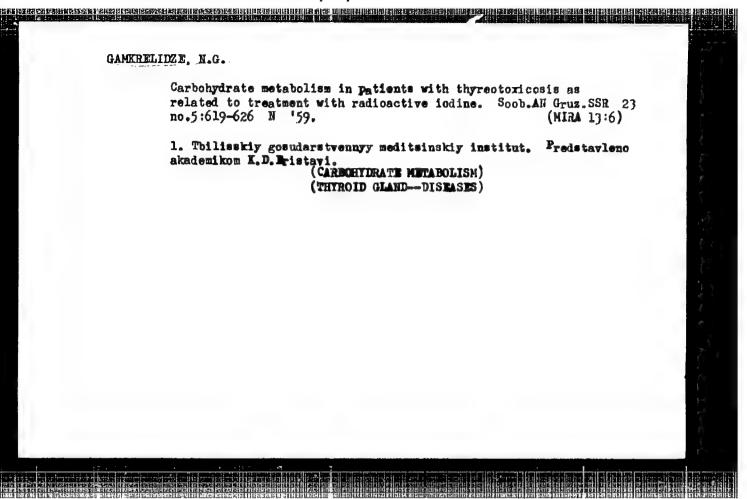
(Kechut Range--Lava)

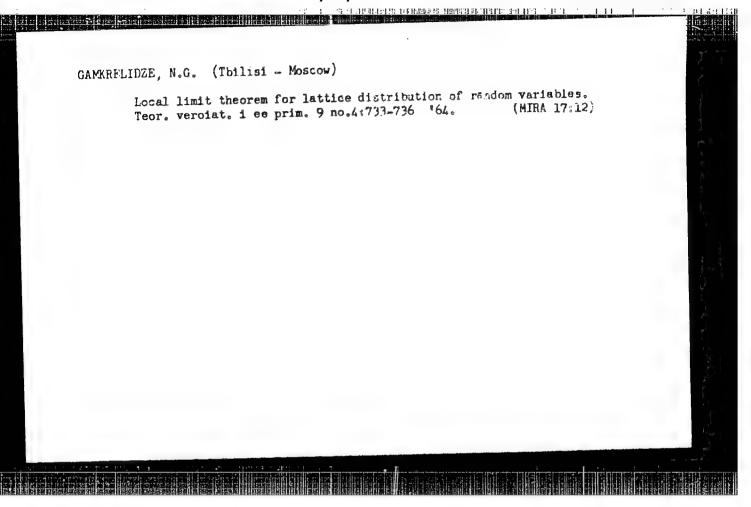


GAMKRELIDZE, L.V.

Soil formation on the red erosion surface [with summary in English] Pochvovedenie no.5:48-53 My 157. (MLRA 10:9)

1. Institut vinogradarstva i vinodeliya Akademii nauk Gruzinskoy SSR. (Soil formation)





SOURCE CODE: UR/0052/66/011/001/0129/0140 26 IJP(c) GG EWT(1)/T I. 45448-66 ACC NR: AP6021955 AUTHOR: Gamkrelidze, N. G. (Tbilisi, Moscow) ORG: Institute of Mathematics im. V. A. Steklov, Academy of Sciences, SSSR (Matematicheskiy institut Akademii nauk SSSR) TITLE: Speed of convergence in the local limit theorem for lattice distributions SOURCE: Teoriya veroyatnostey i yeye primeneniya, v. 11, no. 1, 1966, 129-140 TOPIC TAGS: convergence, random variable, lattice distribution ABSTRACT: \The article deals with the speed of convergence in the local limit theorem for lattice distributions. Numerical calculations are carried out for an example of random variables taking on values of 3,0, and 7 with a 1/3 probability each. The results show that the behavior of the probabilities Pn(k) is much less regular than one might have expected. Their smoothing, which should follow the local limit theorem, occurs when n is very large. An estimate is given of the number of summands necessary for achieving the prescribed accuracy of the normal approximas Cord 1/2

L 45148-66 ACC NR: AP6021955 We wish Prokhorov for supervising the	
ACC NR: AP6021955 tion Pn(k). The author thanks Yuriy Vasil' yevich Prokhorov for supervising the study. Orig. art. has: 4 figures and 43 formulas. [Based on author' s abstract] [NT] SUB CODE: 12/ SUBM DATE: 12Nov65/ ORIG REF: 008/ OTH REF: 001/	[]
LS 2/2 Cord 2/2	15.30.7.7

GAMKRELIDZE, P. D.

GAMKRELIDZE, P. D. = "On the stratigraphy of the lower Paleogenic deposits of the Adzhar-Trialet fold-formation system," A commemorative collection of transactions dedicated to the 25th anniversary of the Inatitute, (Gruz. politekhn. in-t im. Kirova, No 17), Toilisi, 1948, p. 316-28, (In Georgian, resume in Russian),-Bibliog: 14 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

GAMERILIDZE D.: DZHANELIDZE, A.I., redaktor; TODUA, A.R., tekhnicheskiy redaktor.

[Geological structure of the Adshar-Trialet fold system] Geologicheskoe stroenie Adsharotrialetskoi skladchatoi sistemy. Tiflis, Izd-vo Akademii nauk Gruzinskoi SSE, 1949. 508 p. (Akademiia nauk Gruzinskoi SSE, Institut geologii i mineralogii. Monografii, no.2)

1. Deystvitel nyy chlen AM GSSE (for Dzhanelidse)

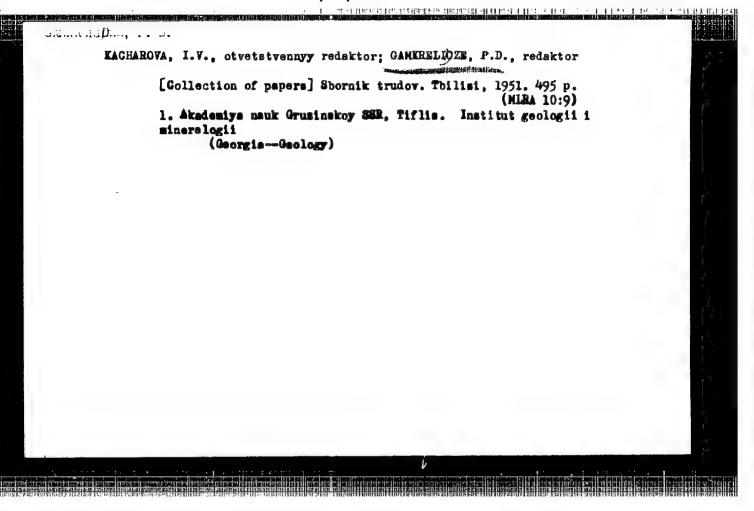
(Trialet Hanga--Folds (Geology)

(Adshar-Imeretian Range--Folds (Geology)

(Caucasus--Geology, Stratigraphic)

- 1. GAMERELIDZE, P. D.
- 2. USSR (600)
- 4. Kyaysa Region Geology, Structural
- 7. New data on the tectonics of Kwaysa District. Soob AN Gres SSR No. 2 1950

9. Monthly List of Russian Accessions, Library of Congress, __April 1953, Uncl.



15-57-3-3796

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,

p 188 (USSR)

AUTHOR:

Gamkrelidze, P. D.

TITLE:

New Data on the Geological Structure of the Akhalkalaki Upland and the Southern Slope of the Trialetskiy Range (Novyye dannyye o geologicheskom stroyenii Akhalkalakskogo nagor'ya i yuzhnogo sklona Trialetskogo khrebta)

PERIODICAL:

Tr. Gruz. politekhn. in-ta, 1954, Nr 32, pp 17-28

ABSTRACT:

The author presents a stratigraphic section of the southern slope of the Trialetskiy Range. It contains the following series. 1) A Middle and Upper Cretaceous volcanic series at least 300 m thick, which is predominantly amygdaloidal tuff-breccia, with layers of limenantly amygdaloidal tuff-breccia, with layers of limenatone in the upper part. 2) An Upper Cretaceous carbonate series approximately 150 m thick, containing limestones, thin-bedded argillaceous limestones, and marls. It exhibits rapid changes in facies, the lower

Card 1/3

15-57-3-3796 New Data on the Geological Structure of the Akhalkalaki (Cont.)

limestones giving way to volcanic formations. Inoceramus salisburgensis Fugg and Kastu is characteristic of the limestones.

3) Fulcocene and Eccene flysch, 80 to 150 m thick, which consists of carbonatic mudatones, quarts sandstones, and rare consists of carbonatic mudatones, quarts sandstones, and rare consists of the following into three units 500, 500, and 8000 m thick. The lower falling into three units 500, 500, and 8000 m thick. The lower funit is tuffaceous; the middle is a tuff-braceis; and the upper unit is again tuffaceous. Sandstones at the base of the entire sequence contain Nummulites lucasi di Archise. N. globulus Leym., sequence contain Nummulites lucasi di Archise. N. globulus Leym., and N. distans Deah. 5) Argillaceous and sandy deposits of the upper Eccene. All the above series are overlain with angular unconformity by various continental volcanic formations, among which the following are distinguished: a) the lower Flicoene which the following are distinguished: a) the lower Flicoene which the following are distinguished: a) the lower Flicoene Abul-Bemsarskays series; and d) the Kurinskiy basaltic flow. The Kisatibi series, in its lower part, consists of dolerites, basalts, and the pyroclastic equivalents of these; in the upper part it is andesite and andesite-dacite. Overlying these vol-

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New Data on the Geological Structure of the Akhalkalaki (Cont.)

canics there occur lacustrine conglomerates, sandstones, and clays, alternating with layers of dolerites, basalts, and undesites, which lie unconformably on the lavas of the Kisatibi series. These rocks are called the Tsalka series, and they contain teeth of Elephas (Archidiscodon) planifrons Fale and Caut. and teeth of Equus stenonis Coechi (Akchagyl). The Akhalkalaki series is composed chiefly of dolerites and basalts, which form the Akhalkalaki plateau. To the north of the plateau, basalt flows are crumpled into folds oriented in an approximately easterly direction. Stratigraphically the lavas of the Akhalkalaki series correspond to the deposits of the Tsalka series. The author has therefore combined them into one, the Tsalka-Akhalkalaki series. Younger upper Pliocene deposits are andesite-dacite lavas and tuff-breccias of the Abul-Samsarskiya series, which occur in the Kechutskiy and Abul-Samsarskiy Ranges. Finally, flows of doleritic lava occur in the Kura Valley, overlying alluvium on the 100 meter terrace of the Kura River.

Card 3/3

D. A. T.

GAMKRELIDZE, P. D., professor, SHIKHELIBEYLI, E.

"On the Tectonic Structure of Azerbaydzhan and Georgia." Report presented at the Interdepartmental Conference on the Problems of the Metallogeny of the Caucasus, Toilisi 8-13 May 1957.

Sun 1582

BOGDANOV, A.A.; GAMKRELIDZE, P.D.; GORSKIY, I.I.; ZARIDZE, G.M.;
KRASHENINNIKOV, G.F.; MURATOV, M.V.; RANKEVICH, Ye.A.;
SOBOLEV, V.S.; KHAIN, V.T.; SHATALOV, Ye.T.

Visiting Czechoslovakian geolegists. V57. (MIRA 10:10)

(Czechoslovakia--Geology)

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GAMKRELIDZE, P.D

AUTHOR: Tr

Tvalcheridze, G.A.

11-58-3-13/14

TITLE:

Conference on Metallogeny of the Caucasus (Soveshchaniye po

metallogenii Kavkaza)

PERIODICAL:

Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958,

3, pp 124-127 (USSR)

ABSTRACT:

An inter-departmental conference on metallogeny of the Caucasus, with representatives of geological organizations of the Transcaucasian republics, of Northern Caucasus, Moscow and Leningrad participating, was held by the Caucasian Institute of Raw Materials (KIMS) in May 1957. It was convened in connection with the work being done by a commission headed by Academician N.S. Shatskiy on the problem of "The Regularity of the Distribution of Valuable Minerals", as well as the compilation of a metallogenic map of the Caucasus of the scale O.D. Levitskiy, Member-Correspondent of the USSR Academy of Sciences, and V.G. Grushevoy, Doctor of Geological-Mineralogical Sciences (VSEGEI), took part in the discussion. Three lectures were given on tectonics of the Caucasus: 1. by P.D. Gamkrelidze, the Member-Correspondent of the Academy of Sciences of the Georgian SSR, on the tectonic structure of Georgia; 2. by E.Sh. Shikhalibeyli, Candidate

Card 1/4

Conference on Metallogeny of the Caucasus

11-58-3-13/14

of Geological-Mineralogical Sciences (Academy of Sciences of the Azerbaydzhan SSR) on the geological structure of Azerbaydzhan, and 3. by A.T. Aslanyan, Candidate of Geological-Mineralogical Sciences (Geological Administration of the Armenian an SSR) - on the tectonic structure and metallogeny of Armenia.

G.D. Afanas'yev, Member-Correspondent of the USSR Academy of Sciences, Professor G.M. Zaridze (Georgian Polytechnical Institute); and Academician Sh.A. Azizbekov (Academy of Sciences of the Azərbaydzhan SSR); presented data on the magmatic

rocks of different parts of the Caucasus.

Lectures on the metallogeny of different parts of the Caucasus were given by: G.A. Tvalchrelidze, Candidate of Geological-Mineralogical Sciences (KIMS), I.G. Magak'yan and S.S. Mkrtchyan, Academicians of the Academy of Sciences of the Armenian SSR, A.E. Bendeliani, Professor of the Georgian Polytechnical Institute, M.A. Kashkay, Academician of the Academy of Sciences of the Azerbaydzhan SSR; and L.P. Kharchur, Candidate of Geological-Mineralogical Sciences (KIMS)

Lectures on separate questions of metallogeny of the Caucasus were given by: Professor G.D. Azhgirey (MGU) - on results of works of a Caucasian expedition of the MGU; Professor V.I. Smirnov (MGU) criticized the basic hypothesis of G. Shney-

Card 2/4

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Conference on Metallogeny of the Caucasus

11-58-3-13/14

Mineralogical Sciences I.A. Shirvanzade (Academy of Sciences of the Azerbaydzhan SSSR) and E.T. Bayramalibeyli (Aztsvet-metrazvedka) reported on iron ore-bearing deposits of the Caucasus; Doctor of Geological-Mineralogical Sciences A.D. Kalandadze KIMS), reported on problems of mercury and on deposits of cinnabar on the southern slopes of the Great Caucasus; Candidate of Geological-Mineralogical Sciences, P.S. Saakyan (VIMS) presented a classification of the sheet-like polymetal-lic deposits of the Caucasus; Candidate of Geological-Mineralogical Sciences G.I. Kerimov reported on deposits of pyrites in Azerbaydzhan; Academician S.S. Mkrtchyan of the Academy of Sciences of the Armenian SSR lectured on the results of research in the Alaverd mining region.

After discussions on all these subjects, the conference recommended the continuation of work on all unsolved problems pertaining to the stratigraphy, paleogeography, tectonics, magmatic cycles and metallogeny of the Caucasus; an improvement in the technique of determining the age of rocks and ores; a compilation of the schemes of structural division in the geological development and the magmatic cycles of the Caucasus; the working out of the first variant of a metallogenic map of

Card 3/ 4

' Conference on Metallogeny of the Caucasus

11-58-5-15/14

the scale 1:1,000,000 and its use in VSEGEI for the compilation of a map of the whole Soviet Union on the scale 1: 2,500,000; that the Caucasian geologic organizations be given the responsibility of preparing large scale metallogenic maps of separate mining regions. A commission of 13 members was elected to direct this work.

AVAILABLE:

Library of Congress

Card 4/4

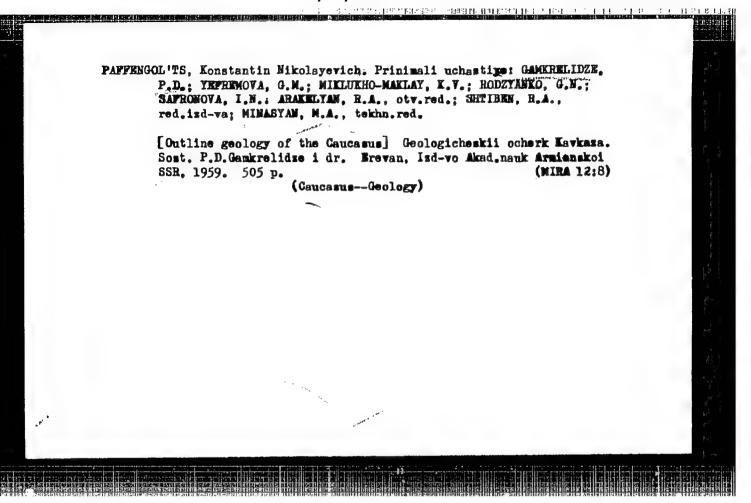
1. 主持数据对于1. 2015年18日 1980年18日 1881年18日 1881年18日 1881年18日 1881年18日 1881年18日 1881年18日 1881年18日 1881年18日 1881年18日

GAMKRELIDZE, P.D., otv.red.; GVAKHARIYA, G.V., red.; DZOTSENIDZE, G.S., red.; ZARIDZE, G.M., red.; KACHARAVA, I.V., red.; RUBINSHTEYN, M.M., red.; TSAGARELI, A.L., red.; CHKLIDZE, G.F., red.; CHIKHELIDZE, S.S., red.

[Collection of papers in honor of Aleksandr Illarionovich Dzhanelidze] Sbornik trudov; Akademiku Akademii nauk Gruzinskoi SSR Aleksandru Illarionovichu Dzhanelidze k semidesiatiletiiu so dnia rozhdeniis i piatidesiatiletiiu nauchno-pedagogicheskoi i obshchestvennoi deiatel'nosti. Tbilisi, 1959. 490 p.

(MIRA 12:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Geologicheskiy institut.
(Geology--Collections)
(Dzhanelidze, Aleksandr Illarionovich)



KAKHADZE, I.R., prof. [deceased]; TSAGARELI, A.L., prof.; NUTSUBIDZE, K.Sh., kand.nauk; ZESASHVILI, V.I., kand.nauk; GAMKRELIDZE, P.D., red.; BATIASHVILI, E.V., red.izd-va; TODVA, A.R., tekhred.

[Monographs] Monografii. Tbilisi. No.9. [Geology of the coalbearing band in the Baksan-Urup interfluve] Geologicheskoe stroenie polosy uglenosnykh otlozhenii mezhdu basseinami rr. Baksana i Urupa. 1960. 139 p. (MIRA 13:12)

1. Akademiya nauk Gruzinskoy SSR. Tiflis. Geologicheskiy institut.
(Beksan Valley--Coal geology)
(Urup Valley--Coal geology)

GAMKRELIDZE, P.D., akademik

New data on the tectonics of the central part of the Greater Caucasus () the boundaries of Svanetiya). Soob.

AN Gruz. SSR 31 no. 3:605-612 S '63. (MIRA 17:7)

1. Geologicheskiy institut AN GruzSSR.

GAMKRELIDZE, P.D., akademik; ADAMIYA, Sh.A.; CHIKHRADZE, G.A.; DZHAVAKHISHVILI, Sh.I.

New data on the stratigraphy of Pre-Jurassic sediments in Swanetiya. Dokl. AN SSSR 153 no.2:424-426 N '63. (MIRA 16:12)

1. Geologicheskiy institut AN GruzSSR. 2. AN GruzSSR (for Gamkrelidze).

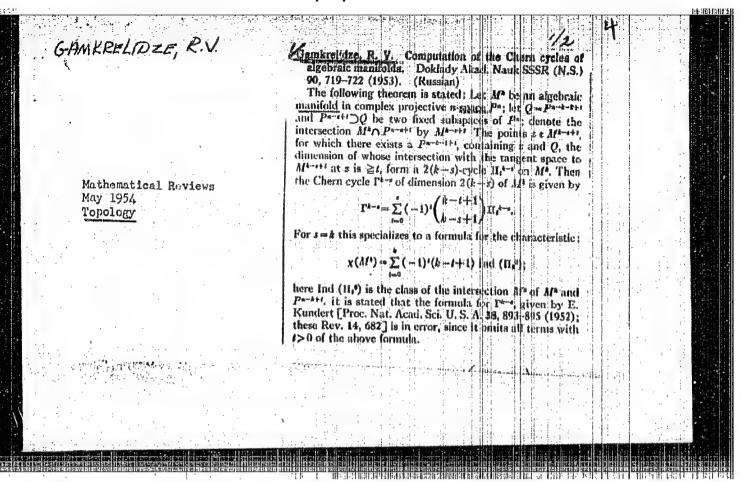
SIDORENKO, A.V., glav. red.; CAMKRELIDZE, P.D., rod.; DZOTSENIDZE, G.S., red.; ZARIDZE, G.M. red.; KACHAROVA, I.V., rod.; RUSINSHTEYN, M.M., red.; TSAGARELI, A.L., red.; CHELIDZE, G.F., red.

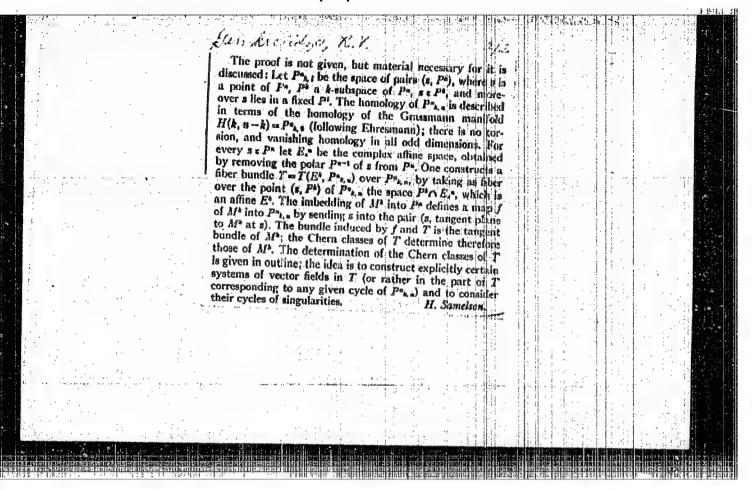
[Geology of the U.S.S.R.] Geologiia SSSR. Glav. rod. A.V. Sidorenko. Moskva, Nedra. Vol.10. Pt.1. 1964. 654 p. (MIRA 17:12)

TSAG Dell, A.L., named is, ginv. red.; HIMMENIA, D.A. red.;
DEMONERHAF, A.L., akademia, red.; Drombindan, G.C., akademik
red.; ZARIDZE, G.M., red.; ZESASEVILI, V.I., red.;
HUBINSHTEVN, N.M., red.; Cabarelling, F.D.; akademik, red.

[Problems of the geology of Georgia; for the 22d session of the International Geological Congress! Vapiday geologic admiris; k XXII sessii Mezhdunat dhogo geologicheskogo kungueza. Tbillel, Izd-va "Metshiereba," 1964. 477 p. (MIRA 1831)

1. Skadeniya mark Gruzinskoy UR, Tiflit. I. tw.deniya nauk Thomskoy US, Tiflis (for Garkrelidze, Ishmelfrize.) Protsentdze, TSagareli





Call Nr Transactions of the Third All-union Mathematical Congres Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Mc	: AF 1108825 BB (Cont.) Moscow,
Section of Mathematical Problems in Physics	217-227
Reports by the following personalities are included:	
Belkina, M. G. (Moscow). Electromagnetic Wave Diffraction Ellipsoid of Revolution and Disks.	ion 217
Boltyanskiy, V. G. (Moscow), Pontryagin, L. S. (Moscow) On Equilibrium Stability of the Relay System of Ordinary Differential Equation.). y 217-218
Boltyanskiy, V. G. (Moscow), Gamkrelidze, R. V. (Moscow) Pontryagin, L. S. (Moscow). On the Theory of Optimum Processes.), 218
Bonch-Bruyevich, V. L. (Moscow). On a Problem Relating to the Quantum Theory of Many Bodies.	218
Vladimirov, V. S. (Moscow). On an Integral Differential Equation. Card 73/80	1 218-219

Fankre Lidze,

TRANSLATION FROM:

Referativnyy zhurnal, Matematika, 1957, Nr. 1,

p 39 (USSR)

AUTHOR:

Gamkrelidze, R.V.

TITLE:

Characteristic Classes of Complex Algebraic Manifolds

(Kharakteristicheskiye klassy kompleksnykh

algebraicheskikh mnogoobraziy)

PERIODICAL:

Tr. 3-go Vses. matem. s"yezda, 2, Moscow, AN SSSR,

1956, p. 53

ABSTRACT:

The results of V.I. Burdinoy (R., sh., Mat., 1955, 2606) and the author (R.Zh., Mat., 1954, 2061) are presented.

Card 1/1

GAMARELIDAGB.V.

SUBJECT

USSR/MATHEMATICS/Topology

CARD 1/1

PG - 761

AUTHOR

GAMKRELIDZE R.V.

TITLE

Chern's cycles of the complex algebraic manifolds.

PERIODICAL Izvestija Akad. Nauk 20, 685-706 (1956)

reviewed 5/1957

The present paper is a detailed representation of the results which have been announced in Doklady Akad. Nauk 90, 719-722 (1953).

CIA-RDP86-00513R000614210014-2" **APPROVED FOR RELEASE: 09/17/2001**

BANKKI ZOBEL JAT.

SUBJECT

USSR/MATHEMATICS/Differential equations CARD 1/3 PG - 707

AUTHOR BOLTJANSKIJ V.G., GAMKRELIDZE R.V., PONTRJAEIN L.S.

TITLE PERIODICAL On the theory of optimal processes. Doklady Akad. Nauk 110, 7-10 (1956)

reviewed 4/1957

The problem of the quality of control being actual in the theory of automatic control is represented in general form and is considered.

Let be given the system $\dot{x}^1 = f^1(x^1, \dots, x^n; \pi^1, \dots, u^r) = f^1(x, u), \quad (i=1,\dots,n),$ where $x = (x^1,\dots,x^n)$ is the image point in the n-demensional phase space and $u = (u^1,\dots,u^r)$ is the "controlling vector". If u(t) is piecewise smooth and continuous and if it belongs to a fixed closed region $\overline{\Omega}$ of the variables u^1,\dots,u^r , where Ω has a piecewise smooth (n-1)-dimensional boundary, then u(t) is called permissible.

Formulation of the problem: In the phase space x^1,\dots,x^n two points x_0 and x_0 are given. A permissible control vector x_0 is to be chosen in such a way that the point of the phase space comes from the position x_0 to the position x_0 in minimal time. Assuming the existence of a solution and if x_0 is the optimal vector and x_0 the corresponding optimal path, then to the somewhat deviating vector x_0 to the position x_0 to the position x_0 and x_0 there corresponds the path x_0 in linear approximation we have

Doklady Akad. Nauk 110, 7-10 (1956)

CARD 2/3 PG - 707

(1)
$$\delta \dot{\mathbf{x}}^{i} = \frac{\partial \mathbf{f}^{i}}{\partial \mathbf{x}^{\alpha}} \delta \mathbf{x}^{\alpha} + \frac{\partial \mathbf{f}^{i}}{\partial \mathbf{u}^{\beta}} \delta \mathbf{u}^{\beta} , \quad \delta \mathbf{x}(\mathbf{t}_{0}) = 0 \quad (i=1,\dots,n).$$

If $\|\varphi_j^1(t)\|$ is the fundamental matrix of the solution of a homogeneous system which corresponds to (1) and $\|\psi_j^1(t)\|$ is the corresponding inverse matrix, then the optimal control u(t) must satisfy the following necessary conditions:

$$\dot{x}^{i} = f^{i}(x,u) , \qquad \dot{\psi}_{i} = -\frac{\partial f^{\alpha}}{\partial x^{i}} \psi_{\alpha} \qquad \qquad i=1,\dots,n$$

$$\psi_{\alpha} \frac{\partial f^{\alpha}}{\partial u^{j}} = 0 \qquad \qquad \dot{t}_{o} \leq t \leq \dot{t}_{1} \qquad \qquad j=1,\dots,r,$$

where t_o and t_1 correspond to the points ξ_o and ξ_1 . Furthermore it is stated that if the quadratic form $\psi_o(\frac{\partial^2 f^o}{\partial u^i} \partial_u^k) = \delta_u^i \delta_u^k$ in the point $(x(t_o), u(t_o), t_o)$

is negative definite, then the corresponding u(t) and x(t) are locally optimal. The following maximum principle is conjectured by the authors: for fixed x and ψ let $H(x, \psi, u) = \psi_{\alpha} f^{\alpha}(x, u)$ have a maximum $m(x, \psi)$ in u if u changes in Ω .